

# **ECO-WORTHY**

— Reliable Solar Expert —

## **Four pieces of board SOLAR TRACKER**



- Save a space
- Automatic OR Remote control
- Increase power generation time

Email: [info@eco-worthy.com](mailto:info@eco-worthy.com)

Call: 1-866-939-8222

## WARNING



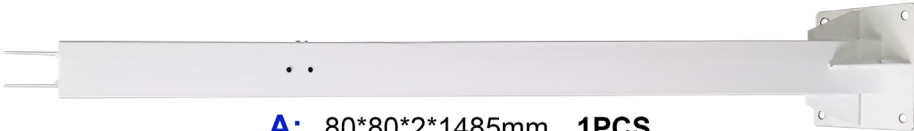


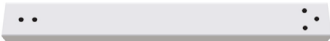



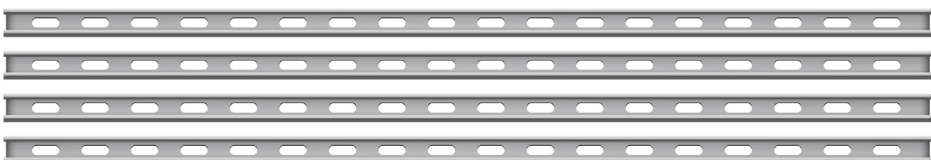










### PLEASE READ CAREFULLY BEFORE PROCEEDING

The user must read and follow the manufacturer's instructions for each component of the system. These instructions must be provided to the user of this equipment. The user must understand these instructions before using this equipment. Manufacturer's instructions must be followed for the proper use and maintenance of this equipment.

**Always follow the basic precautions listed below, wear gloves to prevent injury. These precautions include, but are not limited to, the following:**

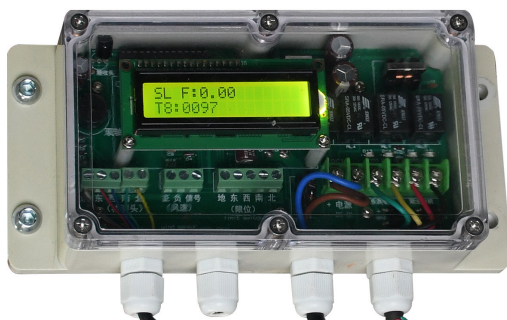
- Make sure that the surface this bracket is being mounted on has the strength to handle the weight of both solar panels and this bracket.
  - Use bolts and nuts as well as washers for installation and tighten them firmly so that solar panels are secure .
  - Always loosen the corresponding screw before adjusting the angle or direction of solar panels. Never force this adjustment with the screw still tightened.
  - Some fittings may deteriorate over extended periods of time due to wear and/or corrosion. For optimum safety, the installation should be checked thoroughly at regular intervals.
- \* Illustrations herein are for explanatory purposes only, and may not match actual appearance during operation.
- \* Specifications and descriptions in this owner's manual are for information purposes only. ECO-WORTHY reserves the right to change or modify products or specifications at any time without prior notice.

# List of accessories

|   |  |   |  |  |   |
|---|--|---|--|--|---|
|  <p><b>A:</b> 80*80*2*1485mm <b>1PCS</b></p>  |  |   |  |  |   |
|  <p><b>B:</b> 60*40*2.3*700mm <b>2PCS</b></p>  <p><b>C</b></p>  <p><b>D:</b> 60*40*23*564mm <b>1PCS</b></p> | <p><b>E:</b> 2PCS</p>  <p><b>F:</b> 4PCS</p>  |   |  |  |   |
|  <p><b>G:</b> 60*40*2.3*700mm <b>2PCS</b></p>   |  |   |  |  |   |
|  <p><b>H:</b> 41*21*2.3*1450mm <b>4PCS</b></p>   |  |   |  |  |   |
|  <p><b>I:</b> 6PCS</p>   |  <p><b>J:</b> 8PCS</p>  |   |  |  |   |
|  <p>M8*60<br/><b>K:</b> 6PCS</p>   |  <p>M8*80<br/><b>L:</b> 4PCS</p>  |  <p>M8*90<br/><b>N:</b> 3PCS</p> |  <p>M8*100<br/><b>M:</b> 2PCS</p> |  <p>M6*16<br/><b>O:</b> 4PCS</p>  |  <p>M10*60<br/><b>P:</b> 4PCS</p> |
|  <p>M10*60<br/><b>Q:</b> 12PCS</p>   |  |   |  |  <p>M14*65<br/><b>R:</b> 1PCS</p> |   |



M8\*60  
**S: 1PCS**



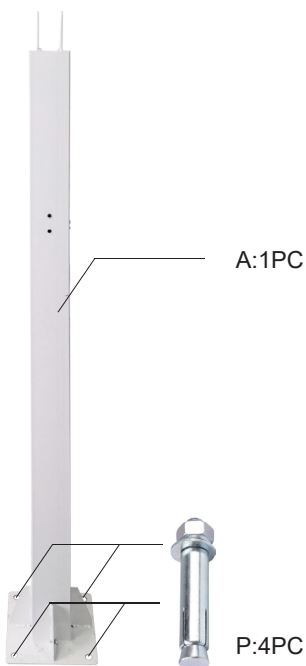
M10\*60  
**T: 1PCS**



M10\*60  
**U: 1PCS**

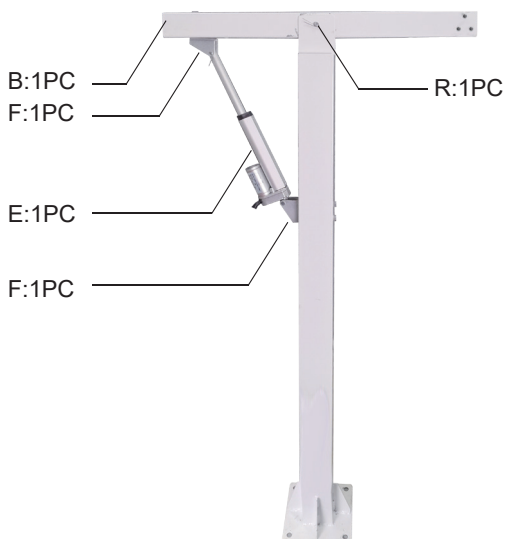
## Installation steps

I :Use P(expansion bolt\*4)to fix A (base) on the ground.



II :Use R(latch\*1)to fix B(cross Bar 1) on the top of the A(base pole).

III : Use M (screws\*2) and K (screws\*2) to install F(push rod base) to B(cross bar1)correspondingly.Then install E(short push rod)



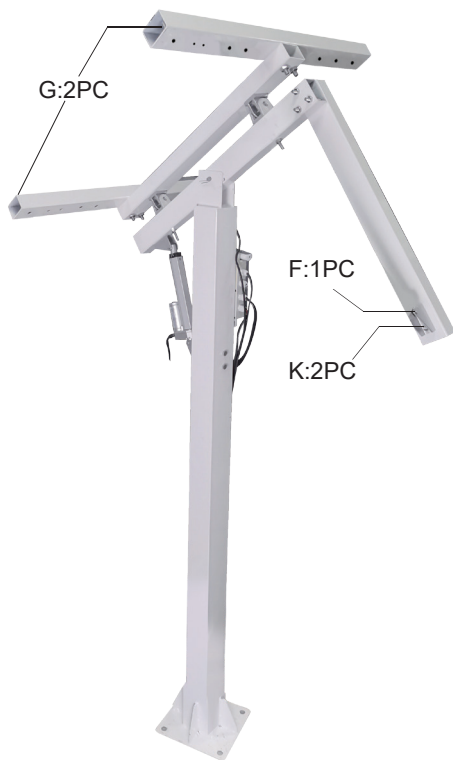
IV : Using C (link bar) to Connect B(cross bar2) to B (cross bar 1)

V : Install D(push rod brackets) to B (cross bar 1) by using N (screws\*2)



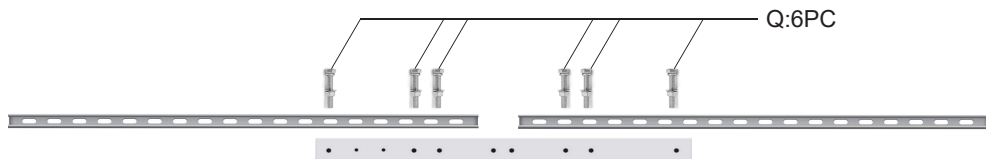
VI:Install G (solar brackets) to B (cross bar2) by using L (screws\*4) .

Then install F(push rod base\*1)by using K(screws\*2)and install E(long push rod)



VII:Use Q(screws\*12)to install H(solar brackets extension bar) to G(solar brackets).

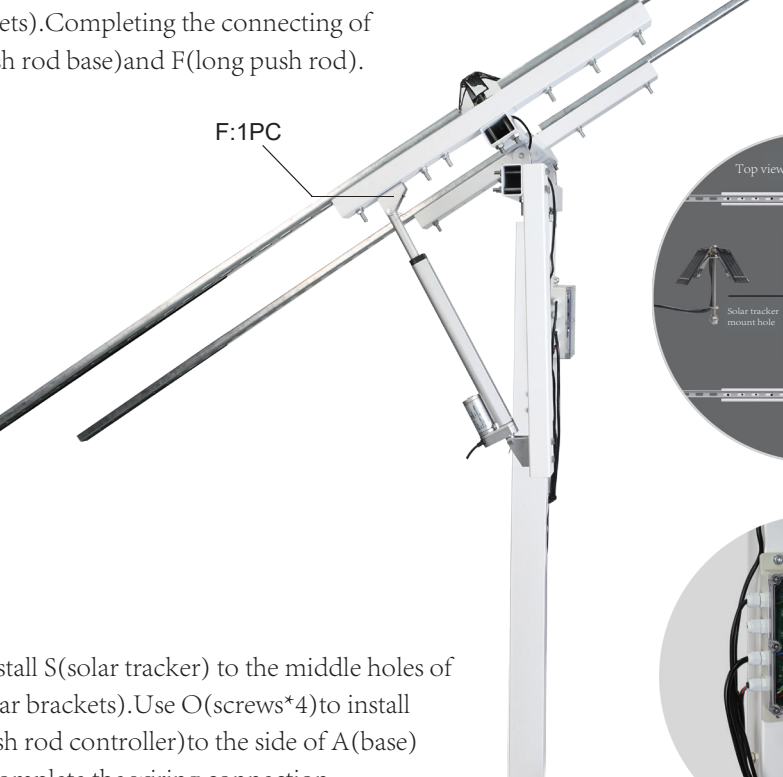
PS:The 2 holes in the middle is for calibrating the solar tracker,not for installing.



VIII :Use K(screws\*2)to install F(push rod base)at the bottom of G(solar brackets).Completing the connecting of F(push rod base)and F(long push rod).

F:1PC

VIII :Install S(solar tracker) to the middle holes of G(solar brackets).Use O(screws\*4)to install T(push rod controller)to the side of A(base) and complete the wiring connection.



Top view of solar tracker system

Solar tracker mount hole

This diagram shows the top view of a solar tracker system. It features a central vertical support structure with two horizontal rails, one at the top and one at the bottom. A solar panel is mounted on the top rail, and its position is adjustable along the rail. A label 'Solar tracker mount hole' points to a specific location on the top rail where the solar panel is attached. The entire system is shown within a circular frame.

A close-up photograph of the automatic door opener's control unit and actuator. The control unit is a rectangular box with a green circuit board visible inside, mounted on a white wall. It has several wires connected to it. The actuator is a long, silver, cylindrical device mounted vertically next to the control unit.

PS:Length of installing bar is 1450mm,suitable for 80W-200W solar panel.

